

Article 16 – Parking and Loading

25.16.01 – Purpose

The purposes of parking standards are to:

1. ~~Relieve traffic congestion by providing~~ Provide adequate parking ~~on-site~~ to support the uses served;
2. Minimize the detrimental impact of off-street parking on adjoining properties;
3. Minimize parking to encourage the use of public transit or other alternatives to the automobile;
4. Ensure the proper and uniform development of parking areas throughout the City; ~~and~~
5. Ensure proper loading configurations and access-; and
6. Minimize stormwater runoff from parking lots and structures.

25.16.02 – General Requirements

a. General Provisions

1. No land can be used or occupied, no structure can be designed, erected, attached, used, or occupied, and no use can be operated unless the required parking and loading facilities are provided:
 - (a) ~~The required parking and loading facilities are provided~~ In the minimum or maximum amounts set forth in this Article;
 - (b) In accordance with the design standards set forth in this Article; and
 - (c) ~~Parking areas and loading areas established~~ In accordance with this Article ~~must not be~~ and may not rearranged or altered without approval of the Approving Authority.
2. Automobile off-street parking and loading areas cannot be reduced in area or encroached upon by buildings, vehicle storage, loading or unloading, or any other use where such reduction or encroachment will reduce the area below that required by this Article.

3. Any additional off-street parking and loading facilities required as a result of an expansion of or a change in any use must be likewise established and maintained or such use is required to cease until such facilities are provided.

b. *Special Provisions for Certain Zones*

1. *R-400, R-200, R-150, R-90, R-75, R-60, and R-40 Zones* - In the R-400, R-200, R-150, R-90, R-75, R-60, and R-40 Zones, off-street parking of motor vehicles is limited to:
 - (a) Passenger vehicles;
 - (b) Not more than one (1) delivery-type commercial vehicle per dwelling unit not exceeding three-quarter (3/4) ton capacity or one (1) that has been issued a special permit pursuant to Section 23-27 of the City Code; and
 - (c) One (1) trailer which cannot be used for dwelling purposes or any accessory use, provided such trailer is parked behind the front building line whenever possible.
2. *RMD Zones* - In the RMD Zones:
 - (a) Off-street parking of motor vehicles is limited to:
 - (i) Passenger vehicles; and
 - (ii) Not more than one (1) delivery-type commercial vehicle not exceeding three-quarter (3/4) ton capacity per dwelling unit or one (1) truck that has been issued a special permit pursuant to Section 23-27 of the City Code.
 - (b) Off-street parking of trailers in such zones is prohibited.
3. *MXTD Zones* - In the MXTD Zone, off-street parking of motor vehicles between the front building line and the front lot line is prohibited, except that the Approving Authority has the authority to waive the requirements of this Section, Section 25.16.04.b, and Section 25.16.07.a and b provided that:
 - (a) A previously existing single unit detached dwelling is being converted to a permitted use in the MXTD Zone;
 - (b) Due to the location of the existing structure or structures on the lot, compliance with the parking, loading, and access requirements of this Section 25.16.02, cannot be reasonably accomplished; or

- (c) Such a waiver would enable the proposed use to better satisfy the parking space requirements of Section 25.16.03.
4. *MXE Zone* - In the MXE Zone, the required parking may be reduced by up to 15% by the Planning Commission if:
- (a) The main building entrance is located within 2,500 feet of a Metro rail transit station entrance; and
 - (b) The site has environmental ~~constraints~~ requirements on at least ten percent (10%) of the net lot area that limits the developable area of the site. For purposes of this subsection, environmental ~~constraints~~ requirements include significant tree preservation areas, stream buffer areas, or other natural features of the site identified in the City development approval as a significant environmental feature to be retained.

25.16.03 – Number of Spaces Required

- a. Employee Calculation - For the purposes of this article, the number of employees for a use shall be computed on the basis of the maximum number of persons to be employed at any one (1) time other than at changes of shifts.
- b. Prohibited Uses of Parking Areas and Loading Spaces - No parking area or loading space can be used for the storage, sale, repair, dismantling, or servicing of any vehicles, equipment, materials, or supplies.
- c. Table of Space Requirements - The number of parking spaces for both vehicles and bicycles required for each class of land use are as shown in the following table:

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	Minimum-Base <u>Number</u> Required	Unit Measure	Short Term Space	Long Term Space	
Residential	One family <u>Single unit</u> detached	Per dwelling unit	2	Dwelling unit	0	0	
	One family <u>Single unit</u> semi-detached	Per dwelling unit	2	Dwelling unit	0	0	

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	<u>Minimum Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
Residential (con't)	Dwelling, one-family attached (townhouse)	For 1 or 2 bedrooms	1.5	Dwelling unit	0	0	
	Dwelling, townhouse	For 3 or more bedrooms	2				
	Dwelling, multi-family attached	For 0 (zero) bedrooms	1	Dwelling unit	1 per 50	1 per 3	
	Dwelling, multiple-unit	For 1 bedroom	1				
		For 2 or more bedrooms	1.5				
	Live-work unit	For 1 or 2 bedrooms	1.5 2	Unit	1 per 5	1 per 3	
		For 3 or more bedrooms	2				
Institutional	Ambulance service	Service vehicle	One (1) space per 3 service vehicles and 1 space for each 300 SF of office area	Square feet of gross bldg. area	1 per 30,000 SF of gross floor area	2 per 15,000 SF of gross floor area	
	Place of worship	300 SF	1	Square feet of net bldg. area	2 per 2,000 SF	1 per 4,000 SF	See Sec. 25.16.03d below
	Community center, courthouse, library, museum, civic club, private club, and lodge	Per 200 SF of gross floor area	1	Square feet of net bldg. area	2 per 10,000 SF	1 per 10,000 SF	
	Health and fitness establishment		1	Square feet of net bldg. area	2 per 2,000 SF	2 per 4,000 SF	
	Educational institutions	Per 2 employees including teachers and administrators	1	Grades 2 - 5	2 per classroom	1 per classroom	Planning Commission to determine additional vehicle parking spaces required based on number of students and operational factors
				Grades 6 - 12	3 per classroom	1 per classroom	
				College: SF of bldg. area	2 per 10,000 SF	2 per 20,000 SF	

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	<u>Minimum-Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
				Dormitory unit	1 per 20 dormitory units	1 per 3 dormitory units	
Institutional (con't)	Charitable or philanthropic institution	Per 2 employees, including teachers and administrators	1	Square feet of net bldg. area	2 per 10,000 SF	2 per 40,000 SF	Planning Commission to determine additional vehicle parking spaces required based on operational factors
	Hospital or nursing home	Per each 1,000 SF of gross floor area	1 and	Square feet of net bldg. area	2 per 40,000 SF	1 per 70,000 SF	Planning Commission may require additional bicycle parking
		Per each participating doctor	1 and				
		Per every 2 employees	1				
	Housing for senior adults and persons with disabilities	Per every 3 dwelling units – all spaces to be located within 150 feet of the building served	1	Dwelling unit	1 per 100 dwelling units	1 per 50 dwelling units	Planning Commission to determine additional vehicle parking spaces required based on operational factors
	Funeral home	Per each 50 SF of assembly area	1 and	Square feet of net bldg. area	1 per 40,000 SF	2 per 40,000 SF	
		Per employee	1 and				
		Per each vehicle used in the business	1				
	Child care home or center in residential zone	Per 4 non-resident children, plus adequate pick-up and drop-off space	1	Square feet of net bldg. area	1 per 10,000 SF	2 per 10,000 SF	In residential zones, on-street parking may be counted towards the required number of spaces
	Child care home or center in non-residential zone	Per 6 children served at 1 time, plus adequate pick-up and drop-off space	1	Square feet of net bldg. area	2 per 10,000 SF	2 per 10,000 SF	
	Adult day care center	Per 3.5 persons served at 1 time, plus adequate pick-up and drop-off area	1	Square feet of net bldg. area	1 per 20,000 SF	2 per 10,000 SF	Minimum number of vehicle parking spaces required is 5; total required based on licensed capacity

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	<u>Minimum Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
Commercial	Automobile filling station	Per service bay	1 and	Square feet of net bldg. area	1 per 25,000 SF	2 per 12,000 SF	For facilities that include a car wash, reservoir spaces for vehicles equal to 5 times the simultaneous capacity of the mechanical car wash
		Per each employee	1 and				
		Per 200 SF of retail sales area	1				
	Bank drive-in windows & ATM's	Reservoir spaces per window or facility	4 and	N/A	0	0	Reservoir spaces for vehicles to be provided either in each drive-in lane, or in a common reservoir area. ATM's not part of a bank drive-in: no parking required.
	Bank drive-in windows & ATM's (con't)	Per employee	1				
	Medical or dental clinics or offices	Per 250 gross square feet	1	Square feet of net bldg. area	2 per 40,000 SF	2 per 40,000 SF	Bicycle parking may also be determined by staff review
	Bowling alley	Per alley	3	Per alley	1 per 2 alleys	1 per 10 alleys	<u>Bicycle parking may also be determined by staff review</u> <u>See Sec. 25.16.03.e</u>
	Furniture store	Per five 500 gross SF accessible to the public	1 and	Square feet of patron use. area	1	1 per 70,000 SF	<u>See Sec. 25.16.03.e</u> Bicycle parking may also be determined by staff review.
		Per employee	1 and				
		Per each vehicle used in the business	1				
	Medical or dental office in a private residence	Per each professional using the office	2	Square feet of net bldg. area	1	2 per 10,000 SF	Bicycle parking may also be determined by staff review.

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	Minimum <u>Base Number</u> Required	Unit Measure	Short Term Space	Long Term Space	
Commercial (con't)	General offices (other than medical or dental)	Per 300 gross SF, including cellars or basements intended for occupancy	1	Square feet of net bldg. area	2 per 40,000 SF	2 per 10,000 SF	<u>See Sec. 25.16.03.e</u> The Planning Commission or Board of Appeals may require additional vehicle parking spaces, depending on location and operational characteristics.
	Restaurant, <u>full service</u>	Per 50 SF of patron use area (excluding rest rooms)	1 and	Square feet of net bldg. area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u> Planning Commission option to review
		Per 80 SF of outdoor patron use area	1 and				
		Per 2 employees	1				
		Per 15 SF of bar patron area where bar patron area exceeds 10% of total patron use area	1				
	Restaurant, fast food	If located in a free-standing building	50 and	Square feet of net bldg. area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u> Reservoir spaces cannot impede other traffic in the parking lot. Facilities serving only via drive-through windows must provide the same reservoir spaces as a standard fast food restaurant.
		Reservoir spaces for each pick-up window	10 or				
		Reservoir spaces for windows with separate order and pick-up windows	5 and				
		Per 2 employees	1				
Commercial	Restaurant, accessory – within an office	Per 300 SF	1 and	Square feet of net bldg.	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u>

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	<u>Minimum-Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
(con't)	building	Per 2 employees	1	area			
	Restaurant, accessory – within a hotel	Per 200 SF	1 and	Square feet of net bldg. area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u>
		Per 2 employees	1				
	Retail sales, trade or merchandizing (except furniture stores and supermarkets less than 30,000 SF of GFA)	Per 200 SF GFA	1	Square feet of net bldg. area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u>
	Supermarkets, 30,000 SF of GFA or less	Per 200 SF	1 and	Square feet of net bldg. area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u>
		Per 2 employees	1				
	Automobile rentals	Per 300 SF of gross floor area leased by the operator	1 plus parking sufficient to accommodate all rental vehicles	Square feet of gross bldg. area	2 per 40,000 SF	2 per 10,000 SF	
	Shopping centers of 150,000 SF or more of GFA		The choice of 1 of the following:	Square feet of net bldg area	2 per 5,000 SF	2 per 12,000 SF	<u>See Sec. 25.16.03.e</u> All required parking must be located within a 500-foot safe and convenient walking distance to the establishment served. Compliance with parking and loading requirements for either a. or b. are subject to the approving authority.
		Individual uses	a. The sum total of required parking spaces				
		Entire center	b. Per 1,000 SF of GFA				
		If restaurants total more than 15% of the GFA and	An additional 10 spaces per 1,000 SF of GFA or restaurant use				
		For theaters in excess of 750 seats	1 space per 4 seats for all seats beyond the first 750				

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	Minimum <u>Base Number</u> Required	Unit Measure	Short Term Space	Long Term Space	
Commercial (con't)	Accessory drive-through window	Reservoir spaces including the space at the window where the transaction occurs	3	N/A	0	0	
	Health maintenance organization facility	Per 200 SF of gross floor area, including cellars and basements used for tenancy	1	Square feet of net bldg. area	1 per 40,000 SF	2 per 10,000 SF	Gross floor area does not include building area used for all-street parking
	Hotel	Per guestroom or suite	1 and	Rentable rooms	2 per 40 rooms	2 per 20 rooms	
		Per 2 employees	1 and				
	Hotel (con't)	Per 400 SF of area used for ballrooms, meeting rooms, and other assembly spaces	1	Rentable rooms	2 per 40 rooms	2 per 20 rooms	
Miscellaneous	Recreational establishment, indoor, commercial other than a bowling alley or swimming pool	Per 2 participants based on the participants that can be accommodated	1 and	Participants	1 per 30 participants	10 total spaces or 1 per 60 participants	See Sec. 25.16.03.e Bicycle parking may also be determined by staff review
		Per 4 seats in spectator areas	1 and				
		Per every 2 employees	1				
	Recreational establishment, outdoor, commercial	Per every 2 employees	1	Auto spaces	1 per 10	1 per 20	See Sec. 25.16.03.e Additional spaces as determined at the time of Site Plan Review depending of the character of the use. Bicycle parking may also be determined by staff review.

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	Minimum <u>Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
Miscellaneous (con't)	Swimming pools, private, membership (nonprofit), private	Per 7 persons of the legal capacity of the pool	1 and	Square feet of building, patio and deck gross floor area and swimming pool area	2 per 2,000 SF	1 per 4,000 SF	
	(commercial), and public (commercial & public)	Per every 2 employees	1				
	Swimming polls, accessory	At the pool site for each 3 dwelling units served beyond 1,500 feet walking distance to the pool	1	Square feet of building, patio and deck gross floor area and swimming pool area	2 per 5,000 SF	2 per 10,000 SF	
	Theater, auditorium, stadium or arena	Per each 4 seats or similar vantage	1 and	Seats	1 per 200 seats	1 per 40 seats	<u>See Sec. 25.16.03.e</u>
		Per every 2 employees	1				
	Transit stations	Per station	1,000	Per station	50	50	
Industrial and service	Manufacturing establishment	Per each 1,000 GFA	1 and	Square feet of net bldg. area	1	2 per 15,000 SF	Plus additional spaces as may be required by the Approving Authority depending on the character of the use
		Per each vehicle used with the business	1				
	Warehousing	Per each 1,000 GFA	1 and	Square feet of net bldg. area	1	2 per 40,000 SF	Plus additional spaces as may be required by the Approving Authority depending on the character of the use
		Per each vehicle used with the business	1				
	Wholesaling	Per each 1,000 GFA	1 and	Square feet of net bldg. area	1	2 per 40,000 SF	
		Per each vehicle used with the business	1				

Use Category	Use	Auto Parking Spaces		Bicycle Parking Spaces			Additional Requirements
		Unit Measure	Minimum <u>Base Number Required</u>	Unit Measure	Short Term Space	Long Term Space	
	Service industrial building	Per each 250 gross SF of floor area	1	Square feet of net bldg. area	1	2 per 40,000 SF	
Industrial and service (con't)	Automobile repair garage	Per each 300 gross SF of floor area	1 and	Square feet of net bldg. area	2 per 40,000 SF	2 per 10,000 SF	
		Per employee	1				

- d. Religious Exception - No parking spaces are required for a building used by a congregation on a lot of 12,000 square feet or less, whose religious beliefs prohibit the use of motor vehicles in traveling to and from religious services on the Sabbath and principal religious holidays and which the building may only be used for religious services on the Sabbath and principal religious holidays and as a residence for the clergy and his/her family. Such a building must, however, provide two (2) off-street parking spaces on its property.
- e. Maximum Parking Limits – In the MXTD and MXCD zones, the number of parking spaces to be provided is limited to no more than the standard shown in the tables above. Additional parking can only be provided if:
1. The additional parking consists of a permeable surface acceptable to the Department of Public Works; or
 2. The additional parking is provided via an automated parking structure or in a structure above or below grade; or
 3. All of the required public use space is provided on-site.
- f. *Determination of Requirements for Multiple Uses*
1. Except as provided in paragraph 3 below, when any land or building is used for two (2) or more purposes, the number of parking spaces required must be the sum of the requirements for the various individual uses, computed separately in accordance with this article. Parking facilities for one (1) use cannot be considered as providing the required parking facilities for any other use, except as otherwise provided.
 2. Requirements for the provision of parking facilities with respect to two (2) or more uses of the same or different types may be satisfied by the permanent allocation of the requisite number of spaces for each use in a common parking

facility, cooperatively established and operated. The number of spaces so designated may not be less than the sum of the individual requirements for each use except as hereinafter provided, and all design requirements contained in this division must be complied with. A common parking facility so established must be located so that a major point of pedestrian access to such common facility is within a 500 foot walking distance of the entrance to each use served thereby. The Approving Authority may attach such conditions to the approval of a common parking facility as may be reasonable and necessary to assure that the use will be consistent with the purpose and intent of this Chapter.

3. In a predominantly office, multiple-use building located in the MXTD Zone with frontage on a Transit Station Link, and not part of a previously approved project plan, the number of parking spaces required may be determined by using the parking standards for office use applied over the entire floor area of the building and not on the requirements for the individual uses. Office uses must occupy more than 75% of the gross floor area of the building. If the mix of uses contains one (1) or more restaurants that, in the aggregate, exceed 4,500 square feet of gross floor area, the parking requirement for the restaurant or restaurants exceeding 4,500 square feet of gross floor area, must be calculated according to the restaurant parking standard ~~of the Zoning Ordinance~~.
 4. On a lot or parcel that contains a church, synagogue, or other place of worship and an affiliated private institution, the Board of Appeals, as part of the consideration of the special exception application for the private educational institution, may grant a parking reduction of up to 30% of the total required parking for the site upon the finding that the uses on the property will not have overlapping peak hour parking requirements and the reduction will not adversely affect the site of the adjacent area.
- g. *Flexible Parking Standards* – The Approving Authority may permit reductions in the number of parking spaces required, if certain standards and requirements are met as set forth below.

1. *Mayor and Council and Planning Commission Reductions*

The Mayor and Council, in the approval of a project plan, or the Planning Commission in the approval of a site plan within the MXTD and MXCD Zones, have the authority to reduce the required number of parking spaces ~~by an amount not to exceed 20% of the total number of spaces required for office~~ uses in the building or buildings to be constructed; provided that:

- (i) A major point of pedestrian access to such building or buildings is within a 1,500 foot walking distance of a transit station entrance shown on the Washington Metropolitan Area Transit Authority Adopted Regional Rail Transit System; or
 - (ii) There are three (3) or more bus routes in the immediate vicinity of the building or buildings; or
 - (iii) There is a major public parking facility available to the public within 500 feet of a building entrance; or
 - (iv) ~~The Planning Commission may not approve the a further reduction on site plans that are part of a project plan where the Mayor and Council have previously granted a reduction; or Where the size of the lot is so small that meeting the parking requirement would prevent redevelopment; or~~
 - (iv) For any other good cause shown.
2. The Planning Commission may not approve the a further reduction on site plans that are part of a project plan where the Mayor and Council have previously granted a reduction.
 3. Proximity to a Transit Station Reductions - Within any mixed-use zone where the building entrance is more than 1,500 feet from a transit station entrance shown on the Washington Metropolitan Area Transit Authority Adopted Regional Rail Transit System a reduction of not more than 10% of the required parking spaces may be approved if a parking management plan approved by the Approving Authority will be implemented with occupancy of the building or buildings using such features as car and van pooling and public or private transit. A Transportation Demand Management strategy must be submitted with the goal of reducing parking demand ~~in~~ by the building to meet the amount of reduction requested. The effectiveness of this plan must be demonstrated periodically after the use has been operating, as determined by the Approving Authority.
 4. Multiple-Unit Residential Projects – For multiple-unit residential projects, a condition of approval of a project plan or site plan may limit parking below the normal requirements set forth in the tables in Section 25.16.03.c above.
 5. Reductions for Shared Uses – Parking within a project application may be reduced by the appropriate percentage as shown in the parking credit schedule for each of the five (5) time periods shown in the chart below. The number of parking spaces required is determined by totaling the resulting numbers in

each column; the column total that generates the highest number parking spaces then becomes the parking requirement.

Use	<i>Weekday</i>		<i>Weekend</i>		<i>Night-time</i>
	<i>Daytime 6 a.m. – 6 p.m.</i>	<i>Evening 6 p.m. – midnight</i>	<i>Daytime 6 a.m. – 6 p.m.</i>	<i>Evening 6 p.m. – midnight</i>	<i>Midnight – 6 a.m.</i>
Office/Industrial	100%	10%	10%	5%	5%
General Retail	50%	90%	100%	70%	5%
Hotel, motel, inn	70%	100%	70%	100%	70%
Restaurant	50%	100%	100%	100%	10%
Indoor or legitimate, theater, commercial recreational establishment	40%	100%	80%	100%	10%
Community center, museum, civic club, private club, lodge and health and fitness establishment	50%	100%	100%	100%	10%
Residential	60%	90%	80%	90%	100%
Institutional and public uses	50%	100%	100%	30%	5%
All other uses	100%	100%	100%	100%	100%
<u>Percentages here are a percent of the standard requirements found in 25.16.03.c.</u>					

h. Deferral for Providing Spaces

1. The Approving Authority, in considering a project plan or site plan, may approve a deferral of providing the number of parking spaces to be provided where it can be demonstrated that the use served does not require the number

of spaces otherwise required by this Section 25.16.03 due to one (1) or more of the following:

- (a) The age characteristics of the patrons or tenants served;
 - (b) The unique character of the use being served;
 - (c) Proximity to a transit station; and/or
 - (d) Execution of a formal agreement to use off-site parking spaces.
2. Parking may be provided under an approved integrated parking demand program for a mixed-use development on City-owned land or land purchased by the applicant from the City within the MXTD Zone, or for development within a designated Parking District.
 3. A deferral in providing required parking spaces may be approved by the Approving Authority to enhance or preserve environmental situations, such as preservation of significant trees or avoiding impact on sensitive environmental areas, exists that warrants for allowing a parking deferral. However, an inability to comply with the forest conservation requirements or other environment requirements is not a reason, per se, to approve a reduction deferral.
 4. Where such deferrals are allowed, the applicant must demonstrate that there is sufficient useable land area available to provide the total number of spaces that would otherwise be required. Any changes in the conditions under which the reductions were approved will require the deferred spaces to be provided in accordance with the conditions of approval of the site plan.

25.16.04 – Location of Parking and Loading Facilities

- a. All off-street parking and loading facilities required by this Article for any use must be located on and entirely within the same record lot with that use, unless otherwise provided in this Chapter.
- b. Off-street parking and loading facilities that make it necessary for vehicles to back out directly into a public road are prohibited, except that this prohibition does not apply to the off-street parking area of one (1) single-family detached ~~and~~ or semidetached dwelling units.
- c. All garages or other space allocated for parking of vehicles within buildings or in basements or open spaces on the roofs of buildings are considered part of the

required off-street parking facilities and may be included as such in computing the area requirements outlined in this article.

25.16.05 – Location in Relation to Use Served

Requirements for the provision of parking facilities in the MXTD and MXCD-Zones may be satisfied on a separate lot from the use served by a permanent automobile parking structure. An automobile parking structure is must be within a 500 foot walking distance of the entrance to the use being served to satisfy the parking requirements. The Planning Commission may attach such conditions to the approval of an automobile parking structure as may be reasonable and necessary to assure that it will be consistent with the purpose and intent of this Chapter.

25.16.06 – Parking Design Standards

a. Interior Drive Aisles and Turning Radii

1. The width of interior drive aisles must not be less than:
 - (a) Twenty-four (24) feet when used with 70 to 90 degree angled parking, except that 20 foot wide driveways may be used in a parking structure;
 - (b) Eighteen (18) feet when used with 46 to 69 degree angled parking; or
 - (c) Fourteen (14) feet when used with parallel to 45 degree angled parking.
2. Interior driveways must not be less than 14 feet wide for one (1) direction circulation, or 18 feet wide for two (2) direction circulation.
3. Pavement directional arrows and/or signs must be provided in sufficient quantities and locations so as to ensure safe and efficient on-site traffic circulation.
4. At the entry into a parking facility from a public right-of-way, a minimum safety zone of ten feet (10') must be provided behind the right-of-way line to allow for maneuvering of vehicles within the parking facility.
5. Interior driveways may not be installed on a grade in excess of 14%. Interior drive aisles in commercial and industrial areas cannot be installed on a grade of more than ten percent (10%). This requirement may be waived by the Department of Public Works for ramps within parking structures.

b. Parking Spaces

1. Each automobile parking space must be a rectangle not less than nine feet (9') wide and 18 feet long, except as follows:
 - (a) Spaces provided for the physically handicapped and aged must be in accordance with the Maryland Building Code for the Handicapped.
 - (b) For parallel parking spaces, the length must be increased to a minimum of 21 feet. In addition:
 - (i) Adequate interior driveways and entrance and exit driveways must be provided to connect each public parking space with a public street; except that,
 - (ii) Where parking of vehicles by attendants is provided, at least 50% of all parking spaces must have direct access to interior entrance and exit driveways.
2. Parking spaces must not be installed on a grade in excess of five percent (5%).
3. All parking spaces must be separated from walkways, sidewalks, roads, streets, or alleys by curbing and all roads, streets, alleys, sidewalks, walkways, and lot lines must be protected from vehicular overhang by wheel bumpers or curbs. Wheel bumpers or curbs must be installed at least five feet (5') from a street right-of-way line.
4. For purposes of computing the area of any public parking space hereunder, a parking space may extend beyond a wheel bumper or curb provided that:
 - (a) The computed area of such parking space does not extend beyond a wheel bumper or curb more than two feet (2') as measured along the side of the space which extends the greatest distance beyond the wheel bumper or curb; and
 - (b) The computed area of such parking space does not extend beyond a wheel bumper or curb which is more than six inches (6") high, and the area of overhang is free of all obstructions above curb height.
5. Each parking space must be clearly marked and adequate pavement directional arrows or signs provided.
6. No off-street parking area can contain more than 150 spaces. If a greater number of spaces is required by this article, separate parking areas of not more than 150 spaces must be provided and must be separated by a landscaped area at least ten feet (10') in width.

7. In considering a project plan or site plan, the Approving Authority may allow parking spaces on private streets to be applied towards the total parking requirement for the development.

c. *Entrance and Exit Driveways*

1. Driveways for single-unit residential or duplex dwellings must have a width of not less than ten feet (10').
2. For all other uses, there must be at least two (2) one-direction driveways 15 feet in width or one (1) two-direction driveway 25 feet in width, except that two-direction driveways on four (4) lane or wider highways or within the central business district must be between 25 and 35 feet in width. The number, type, and width of such driveways must be as reasonably determined by the Approving Authority.
3. In the MXE, MXNC, and MXCD Zones, vehicular access to a secondary residential street is prohibited.
4. In the MXE, I-L, and I-H Zones, vehicular access to any residential street is prohibited.

d. *Paving Specifications*

All off-street parking and loading areas must be so drained as to prevent damage to abutting properties or public streets and must be paved with a minimum of:

- (a) Six inches (6") of concrete; or
- (b) Six inches (6") of bituminous asphalt; or
- (c) Six inches (6") of compacted gravel and two inches (2") of bituminous asphalt; or
- (d) Other paving as approved by the Director of the Department of Public Works.

- e. *Internal Landscaping of Surface Parking Areas* – See Section 4.d.4 of the Landscaping, Screening, and Lighting Manual.

- f. *Pedestrian Walkways in Parking Facilities* – In addition to all required parking spaces and driveways, pedestrian walkways, sidewalks, and crosswalks must be

provided in all off-street parking facilities where necessary for pedestrian safety. Such walkways and sidewalks must be protected from vehicular encroachment by wheel stops or curbs. Efforts should be made to link pedestrian walkways with pedestrian walkways in adjacent parking facilities and with entrances to buildings and public sidewalks. All pedestrian ways that cross private travel ways must be provided with crosswalks acceptable to the Department of Public Works.

- g. *Lighting Requirements* – Lighting for parking facilities must be provided in accordance with the provisions of Article 17 and the Landscaping and Lighting Manual.
- h. *Loading Facilities*
 - 1. For any building in any ~~commercial~~, industrial, or mixed-use zone, adequate off-street space for the loading and unloading of goods and materials must be provided, taking into consideration the size of the building and the uses allowed in such zone.
 - 2. Each loading space provided must have a minimum width of 12 feet, clearance height of at least 14 feet, and a depth sufficient to accommodate the maximum length of delivery trucks reasonably likely to serve the building. In the event that intermediate tractor-trailer (WB-50) loading or unloading is reasonably likely, a depth of 60 feet must be provided. Loading space shall be located so that trucks will not obstruct pedestrian or vehicle traffic movement or project into any public right-of-way. Maneuvering area must provide a turning radius of not less than 48 feet.

25.16.07 – Parking Structures Design

- a. In addition to the provisions of Section 25.16.06 above, parking garages must be designed so as to be as open as possible, have sufficient lighting, and easily visible compatible stairways and elevator lobbies. The exterior design should match or be compatible with the other structures on the site or adjacent to the garage.
- b. Entry to a garage not having direct access to a public street must be indicated by sufficient signage on-site.
- c. Automated directional sign systems may be installed. There must be a readily legible indication from the street of the status of available parking within the structure.
- d. Where a parking structure confronts residential development, the design must not allow headlights to shine through the structure.

25.16.08 – Automated Parking Structures

Automated parking structures may be used to meet all or a portion of the required off-street parking requirements. Such structures may be freestanding or used in conjunction with parking garages. If freestanding, they must be located only in the rear yard, and screened from adjoining properties with landscaping, walls, or other means, and comply with all noise standards.

25.16.09 – Bicycle Parking

a. *Purpose* – The purpose of the bicycle parking standards are:

1. To encourage bicycling as an alternate mode of transportation by providing adequate bicycle parking at common destinations;
2. To ensure safe and convenient parking spaces for bicycles; and
3. To address the need for and to provide both short-term and long-term bicycle parking.

b. *General Requirements*

1. Section 25.16.0203 sets forth the required minimum number of bicycle parking spaces for each use category. Bicycle parking is calculated based on predicted demand generated by the use categories and on the security for bicycle parking necessary to encouraging bicycling as a form of transportation.
2. Primary uses on a site are the determining factor when calculating bicycle parking spaces. Accessory uses do not have bicycle parking requirements.
3. If a site has two (2) primary uses, the parking requirement is the sum of the required bicycle parking for the individual primary uses.

c. *Standards*

1. *Short-Term Bicycle Parking*

- (a) *Purpose* – Short-term bicycle parking provides incentives to visitors to use bicycles through convenient placement of short-term bicycle parking.
- (b) *Design* – The following standards must be met for required short-term bicycle parking:

- (i) Short-term bicycle parking should be located at a building's main entrance and should be clearly visible to pedestrians and bicyclists.
- (ii) Short-term bicycle parking must consist of racks or lockers meeting the standards of Article 25.16.09.c.3.
- (iii) Short-term bicycle parking must be within the following distances of the main entrance:
 - A. *Building Having One (1) Entrance* – Measuring by the most directly accessible pedestrian route, the bicycle parking must be within 50 feet of the main entrance to the building when a building has only one (1) main entrance.

Figure 1

Short-term bike parking - one building, one entrance

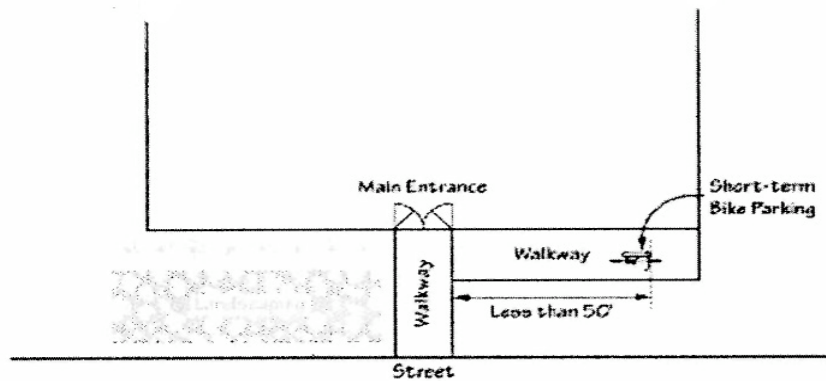


Figure 16.1

- B. *Building Having More Than One (1) Main Entrance* – Measuring by the most directly accessible pedestrian route, bicycle parking must be along all building frontages with a main entrance, and within 50 feet of at least one (1) main entrance on each building frontage that has a main entrance when a building has more than one (1) main entrance.

Short-term bike parking – one building, multiple entrances

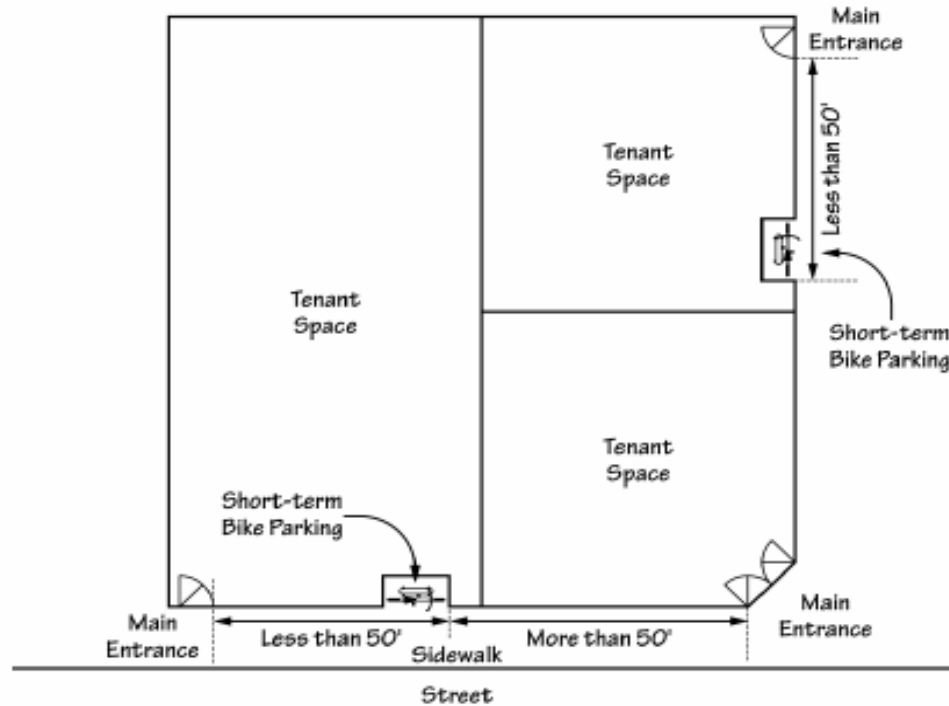


Figure 16.2

- C. *Bicycle Parking For a Building or Multiple Buildings or Entries within a Campus Setting* – Measuring by the most directly accessible pedestrian route, bicycle parking must be within 50 feet of a main entrance or all entrances for a building or multiple buildings or entries within a campus setting.
- D. *Sites With More Than One (1) Primary Building, with Exception to an Institutional Campus* - measuring by the most directly accessible pedestrian route, bicycle parking must be distributed to serve all primary buildings and be within 50 feet of a the main entrance for sites with more than one (1) primary building, with exception to of an institutional campus.

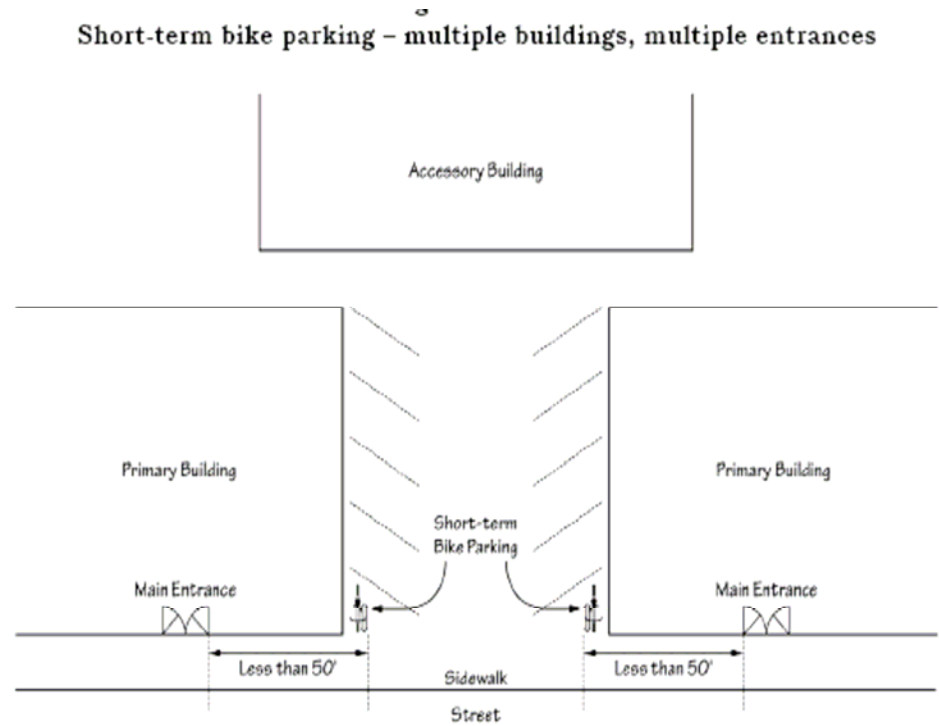


Figure 16.3

- (iv) Each short-term bicycle parking space must be at least two feet (2') by six feet (6').

Examples of Bicycle Parking Layouts

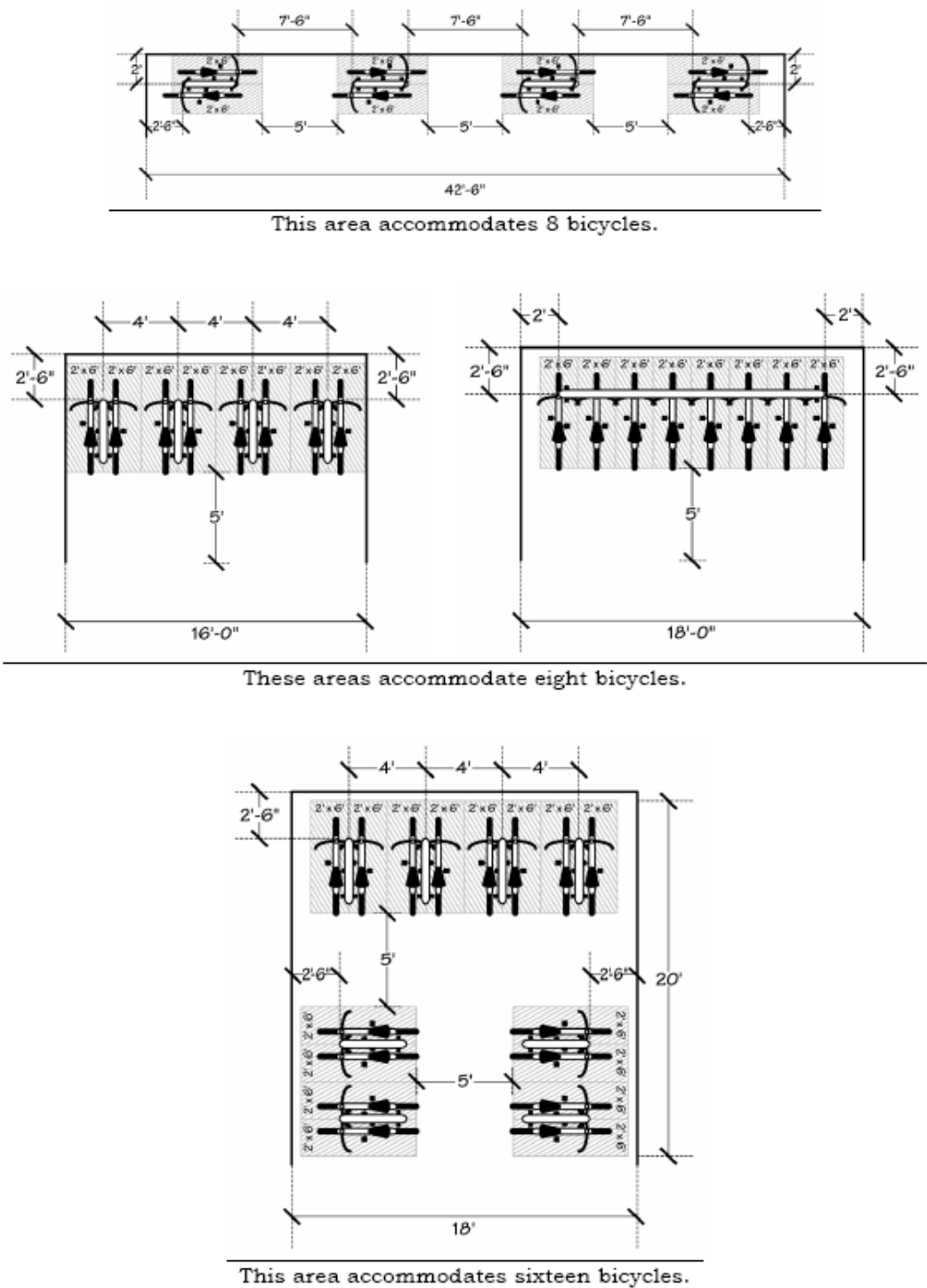


Figure 16.4

- (c) *Bicycle Parking Fund Contribution* - In instances where the provisions of this Section 25.16.09 cannot be met, contribution to the Bicycle Parking Fund administered by the Department of Public Works may be required at the time of site plan or project plan review.

2. *Long Term Bicycle Parking Standards*

- (a) *Purpose* – Long-term bicycle parking provides secure and weather-protected areas to park bicycles for those staying at a site for several hours.
- (b) *Standards* – Required long-term bicycle parking must meet the following standards:
 - (i) Long-term bicycle parking must be supplied through racks or lockers that meet the standards of Article 25.16.09.c.3.
 - (ii) Long-term bicycle parking must be covered in accordance with the standards of 25.16.09.c.3.(e).
 - (iii) Long-term bicycle parking must be positioned on the site or in an area where the closest point is within 300 feet of the principle entrance.
 - (iv) Where long-term bicycle parking spaces are required for office use categories, for every 50,000 square feet of Gross Floor Area (GFA), one (1) shower per gender must be installed, up to a maximum of three (3) showers per gender. Showers must be accessible to all tenants of the building.
 - (v) Where long-term bicycle parking spaces ~~is~~ are required for office use categories, a minimum of one (1) clothes storage locker per gender must be installed for every long-term bicycle parking space. The lockers must be installed adjacent to the showers in a safe and secured area and be accessible to all tenants.
 - (vi) To heighten security, long-term bicycle parking must be in at least one (1) of the following locations:
 - A. In a locked room;
 - B. In an area enclosed by a fence with a locked gate. The fence must be floor-to-ceiling or 8 feet high;
 - C. In an area visible by an attendant or security guard;

- D. Within 100 feet of an attendant or security guard;
- E. In an area monitored by a security camera; or
- F. Contained within a dwelling unit or dormitory unit. If long-term bicycle parking is provided in a dwelling unit or dormitory unit, neither racks nor lockers are required.

3. *Additional Standards for All Bicycle Parking*

- (a) *Purpose* – The purpose of these standards is to ascertain that the design of the required bicycle parking allows bicycles to be locked securely and conveniently, protecting ~~from~~ bicycles from damage.
- (b) *Bicycle Lockers* – The Department of Public Works provides standards for bicycle lockers. Lockers must be securely anchored where required bicycle parking is provided in lockers.
- (c) *Bicycle Racks* – The Department of Public Works maintains a handbook of racks and site location guidelines that meet the standards of this subsection. Floor, wall, or ceiling racks are acceptable locations for required bicycle parking. Bicycle racks must meet the following standards:
 - (i) If both wheels are left on the bicycle, the bicycle frame and one (1) wheel can be locked to the rack with a high security lock;
 - (ii) A six foot (6') long bicycle can be securely held with its frame supported, providing that the bicycle cannot be pushed or fall in a manner that will damage the wheels or components; and
 - (iii) The rack must be securely anchored.
- (d) *Maneuvering and Parking Areas*
 - (i) Each required bicycle parking space must be accessible without moving another bicycle.
 - (ii) To allow room for bicycle maneuvering, an aisle must be placed at least 5 feet wide behind all required bicycle parking.
 - (iii) The area designated for bicycle parking must be hard surfaced.
 - (iv) If the bicycle parking is adjacent to a sidewalk, the maneuvering area may extend into the right-of-way.

(e) *Covered Parking*

- (i) Long-term bicycle parking must be covered.
- (ii) If possible, short-term bicycle parking should be covered.
- (iii) Covered parking can be provided by locating the bicycle parking inside buildings, in bicycle lockers, under roof overhangs, awnings, canopies, or within or under other structures.
- (iv) Where required covered bicycle parking is not within a building or locker, the cover must be:
 - A. Permanent;
 - B. Protect the bicycle from rain and snow; and
 - C. Exist a minimum of seven feet (7') above the floor or ground.

(f) *Use of Required Parking Spaces*

- (i) Shoppers, customers, messengers, and other visitors to the site must be given access to use required short-term bicycle parking spaces.
- (ii) Employees, students, residents, commuters, and those who stay at the site for several hours must be given access to use required long-term bicycle parking spaces.

(g) *Signs*

- (i) A sign must be posted at a light rail station or transit center indicating the location of the bicycle parking if required bicycle parking is not able to be seen from the transit station link or transit center.
- (ii) A sign must be posted at the main building entrance, for uses other than transit station links or transit centers, indicating the location of the bicycle parking if required bicycle parking is not visible from the street or main building entrance.

